

Kuan-Chih Huang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

328
citations

1307594

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h-index

1125743

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18
all docs

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docs citations

18
times ranked

367
citing authors

#	ARTICLE	IF	CITATIONS
1	Recognizing Tonal and Nontonal Mandarin Sentences for EEG-Based Brain-Computer Interface. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 1666-1677.	3.8	2
2	Effects of Multisensory Distractor Interference on Attentional Driving. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 10395-10403.	8.0	4
3	Brain Connectivity Changes During Bimanual and Rotated Motor Imagery. IEEE Journal of Translational Engineering in Health and Medicine, 2022, 10, 1-8.	3.7	3
4	Vertically integrated diffractive gratings on photonic crystal surface emitting lasers. Scientific Reports, 2021, 11, 2427.	3.3	7
5	The Impact of Vigorous Cycling Exercise on Visual Attention: A Study With the BR8 Wireless Dry EEG System. Frontiers in Neuroscience, 2021, 15, 621365.	2.8	6
6	Brain Dynamics of Spatial Reference Frame Proclivity in Active Navigation. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 1701-1710.	4.9	3
7	Comparing the Differences in Brain Activities and Neural Comodulations Associated With Motion Sickness Between Drivers and Passengers. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 1259-1267.	4.9	6
8	Direct Integration of Beam Steering Structure on Photonic Crystal Surface Emitting Lasers. , 2020, , .		0
9	Adaptive Subspace Sampling for Class Imbalance Processing-Some clarifications, algorithm, and further investigation including applications to Brain Computer Interface. , 2020, , .		0
10	The effects of different fatigue levels on brain-behavior relationships in driving. Brain and Behavior, 2019, 9, e01379.	2.2	11
11	Photonic Crystal Surface Emitting Lasers with Naturally Formed Periodic ITO Structures. ACS Photonics, 2019, 6, 684-690.	6.6	15
12	An EEG-Based Fatigue Detection and Mitigation System. International Journal of Neural Systems, 2016, 26, 1650018.	5.2	61
13	Developing an EEG-based on-line closed-loop lapse detection and mitigation system. Frontiers in Neuroscience, 2014, 8, 321.	2.8	31
14	Can arousing feedback rectify lapses in driving? Prediction from EEG power spectra. Journal of Neural Engineering, 2013, 10, 056024.	3.5	33
15	Preventing lapse in performance using a drowsiness monitoring and management system. , 2012, 2012, 3336-9.		7
16	Cell-phone based Drowsiness Monitoring and Management system. , 2012, , .		8
17	The performance of visuo-motor coordination changes under force feedback assistance system. , 2010, , .		0
18	Tonic and phasic EEG and behavioral changes induced by arousing feedback. NeuroImage, 2010, 52, 633-642.	4.2	131